Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 18017-0004US1	Application No. 10/534,211	
Information Disc by App	losure Statement blicant	Applicant YU, Shaohua		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date January 23, 2006	Group Art Unit 2419	

			U.S. Pate	ent Documents			
Examiner	Desig.	Document	Publication				Filing Date
Initial	ID	Number	Date	Patentee	Class	Subclass	If Appropriate
	1	5,402,452	03-1995	Powell et al.			
	2	5,404,380	04-1995	Powell et al.			
	3	5,452,306	09-1995	Turudic et al.			
	4	5,497,363	03-1996	Gingell			
	5	5,528,530	06-1996	Powell et al.			
	6	5,548,534	08-1996	Upp			
	7	5,640,512	06-1997	Czerwiec			
	8	5,784,377	07-1998	Baydar et al.			
	9	5,886,996	03-1999	Wolf			
	10	5,930,237	07-1999	Horiuchi et al.			
	11	6,049,550	04-2000	Baydar et al.			
	12	6,241,318	06-2002	Coltro			
	13	6,757,243	06-2004	Chaudhuri et al.			
	14	6,961,348	11-2005	Yu			
	15	6,990,065	01-2006	Chaudhuri et al.			
	16	7,079,555	07-2006	Baydar et al.			
	17	7,554,904	06-2009	Chaudhuri et al.			
	18						

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
	19	WO01/008356	02-2001	WIPO				
	20							

	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner	Desig.				
Initial	ID	Document			
	21	International Search Report in Application No. PCT/CN00/00211, dated November 9, 2000.			

Examiner Signature	Date Considered					
EXAMINER: Initials citation considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with					
next communication to applicant.						

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Information Disclo by Appl		Applicant YU, Shaohua		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date January 23, 2006	Group Art Unit 2419	

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	
Initial	ID	Document
	22	ANSI TI.105 -1991, "Digital Hierarchy - Optical Interface Rates and Formats
	22	Specification", American National Standard for Telecommunications, 1991.
	23	EN 300 429: "Digital Video Broadcasting (DVB); Framing structure, channel coding
	23	and modulation for cable systems". (1998)
	24	EN 300 814: "Digital Video Broadcasting (DVB); DVB interfaces to Synchronous
	24	Digital Hierarchy (SDH) networks". (1998)
		EN 500 83: "Cabled distribution systems for television, sound and interactive
	25	multimedia signals; Part 9: Interfaces for CATV/SMATV headends and similar
		professional equipment for DVB/MPEG2 transport streams" (CENELEC)", (1998).
	26	ETR 290: "ETR 290: "Digital Video Broadcasting (DVB); Measurement guidelines
	26	for DVB systems", (1997).
	27	Hiatt, F., "SONET: Synchronous Optical Networking, Technical Overview", Lucent
	27	Technologies / Bell Labs Innovations (January 1999).
	20	IEEE 802.17, "Resilient Packet Ring Access Method & Physical Layer
	28	Specifications", Draft 802.17/D2.5 (2003)
	29	IEEE 802.3 CSMA/CD Access Method and Physical Layer Specifications, (1998).
	30	IEEE 802.3 CSMA/CD Access Method and Physical Layer Specifications, (2002)
	2.1	ITU-T Rec. X.200 / ISO/IEC 7498-1, "Information technology - Open System
	31	Interconnection - Basic reference: The basic model", (1994).
	20	ITU-T Rec. X.211 / ISO/IEC 10022, "Information technology – Open Systems
	32	Interconnection - Physical service definition", (1995).
	22	ITU-T Rec. X.212 / ISO/IEC 8886, "Information technology - Open Systems
	33	Interconnection - Data link service definition", (1995).
	2.4	ITU-T Recommendation 1.321, "B-ISDN protocol reference model and its
	34	application", (1991).
	35	ITU-T Recommendation 1.361, "B-ISDN ATM Layer specification", (1999).
	36	ITU-T Recommendation G.702, "Digital Hierarchy Bitrates", (1988)
		ITU-T Recommendation G.703, "Physical / Electrical Characteristics of Hierarchical
	37	Digital Interfaces", (2001)
		ITU-T Recommendation G.707, "Network node interface for the synchronous
	38	digital hierarchy (SDH)", (1996)
		ITU-T Recommendation G.707, "Network node interface for the synchronous
	39	digital hierarchy (SDH)", (2000).
	40	ITU-T Recommendation G.708, "Sub STM-0 network node interface for the
	40	synchronous digital hierarchy (SDH)", (1999).
	4.1	ITU-T Recommendation G.711, "Pulse Code Modulation (PCM) of Voice
	41	Frequencies" (1988)

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EXAMINER: Initials citation considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with
next communication to applicant.	

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Information Disclo by Appl		Applicant YU, Shaohua		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date January 23, 2006	Group Art Unit 2419	

Designation Designation Document	(Other Documents (include Author, Title, Date, and Place of Publication)					
TU-T Recommendation G.783, "Transmission Systems and Media, Digital Systems and Networks", (2000). TU-T Recommendation G.805 "Generic Functional Architecture of Transport Networks", (2000). TU-T Recommendation G.823, "The Control of Jitter and Wander within Digital Networks Which Are Based on the 2048 kbits/s Hierarchy", (2000). TU-T Recommendation G.824, "Control of Jitter and Wander Within Digital Networks Which are Based on the 1544 kbits/s Hierarchy", (2000). TU-T Recommendation G.957, "Optical interfaces for equipments and systems relating to the synchronous digital hierarchy", (1995). TU-T Recommendation H.261, "Video codec for audiovisual services at p x 64kbits", (1993). TU-T Recommendation H.262, "Information technology – Generic coding of moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). TU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) TU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) TU-T Istandard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) TU-T Istandard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) TU-T Elecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) TU-Telecommunication Standardization Sector, Study Group 7, Contribution 21 (COM 17-21-E), (2002). TU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "The IP-Over-SKDH/SONET Model". TU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "The IP-Over-SKDH/SONET Model". TR-C 1548, "The Point-to-Point Protocol", (1994) RFC 1669, "PPP LCP Extensions", (1994) RFC 1661, "The Point-to-Point Protocol", (1994) RFC 1661, "The Point-to-Point Protocol", (1994) RFC 1662, "PPP in			_				
Systems and Networks", (2000).	Initial	ID					
Systems and Networks", (2000). 17U-T Recommendation G.805 "Generic Functional Architecture of Transport Networks", (2000). 17U-T Recommendation G.823, "The Control of Jitter and Wander within Digital Networks Which Are Based on the 2048 kbits/s Hierarchy", (2000). 17U-T Recommendation G.824, "Control of Jitter and Wander Within Digital Networks Which are Based on the 1544 kbits/s Hierarchy" (1993). 17U-T Recommendation G.957, "Optical interfaces for equipments and systems relating to the synchronous digital hierarchy", (1995). 17U-T Recommendation H.261, "Video codec for audiovisual services at p x 64kbits", (1993). 17U-T Recommendation H.262, "Information technology – Generic coding of moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). 17U-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) 17U-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) 17U-T Istandard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) 17U-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) 17U-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). 17U-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 17U-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 17U-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 17U-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 17U-Telecommunication Standardization Sect		42					
Networks", (2000). TTU-T Recommendation G.823, "The Control of Jitter and Wander within Digital Networks Which Are Based on the 2048 kbits/s Hierachy", (2000). TTU-T Recommendation G.824, "Control of Jitter and Wander Within Digital Networks Which are Based on the 1544 kbit/s Hierarchy" (1993) TTU-T Recommendation G.957, "Optical interfaces for equipments and systems relating to the synchronous digital hierarchy", (1995). TTU-T Recommendation H.261, "Video codec for audiovisual services at p x 64kbit/s", (1993). TTU-T Recommendation H.262, "Information technology – Generic coding of moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). TTU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) TTU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) TTU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) TU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). TTU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". TTU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "The IP-Over-SKDH/SONET Model". TTU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "The IP-Over-SKDH/SONET Model". TRECOMMENT Model							
Networks", (2000). ITU-T Recommendation G.823, "The Control of Jitter and Wander within Digital Networks Which Are Based on the 2048 kbits/s Hierachy", (2000). ITU-T Recommendation G.824, "Control of Jitter and Wander Within Digital Networks Which are Based on the 1544 kbit/s Hierarchy" (1993). ITU-T Recommendation G.957, "Optical interfaces for equipments and systems relating to the synchronous digital hierarchy", (1995). ITU-T Recommendation H.261, "Video codec for audiovisual services at p x 64kbit/s", (1993). ITU-T Recommendation H.262, "Information technology – Generic coding of moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). ITU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) ITU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "The IP-Over-SKDH/SONET Model". Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". Sept. 1548, "The Point-to-Point Protocol", (1993) RFC 1619, "PPP Over SONET/SDH", (1994) RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		43	·				
Networks Which Are Based on the 2048 kbits/s Hierachy", (2000). ITU-T Recommendation G.824, "Control of Jitter and Wander Within Digital Networks Which are Based on the 1544 kbit/s Hierarchy" (1993) ITU-T Recommendation G.957, "Optical interfaces for equipments and systems relating to the synchronous digital hierarchy", (1995). ITU-T Recommendation H.261, "Video codec for audiovisual services at p x 64kbit/s", (1993). ITU-T Recommendation H.262, "Information technology – Generic coding of moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). ITU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) ITU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
Networks Which Are Based on the 2048 kbits/s Hierachy", (2000). ITU-T Recommendation G.824, "Control of Jitter and Wander Within Digital Networks Which are Based on the 1544 kbit/s Hierarchy" (1993) ITU-T Recommendation G.957, "Optical interfaces for equipments and systems relating to the synchronous digital hierarchy", (1995). ITU-T Recommendation H.261, "Video codec for audiovisual services at p x 64kbit/s", (1993). ITU-T Recommendation H.262, "Information technology – Generic coding of moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). ITU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) ITU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		44					
Networks Which are Based on the 1544 kbit/s Hierarchy" (1993) 1TU-T Recommendation G.957, "Optical interfaces for equipments and systems relating to the synchronous digital hierarchy", (1995). 1TU-T Recommendation H.261, "Video codec for audiovisual services at p x 64kbit/s", (1993). 1TU-T Recommendation H.262, "Information technology – Generic coding of moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). 1TU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) 1TU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) 1TU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) 1TU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). 1TU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SkDH/SONET Model". 1TU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS", Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "IP Over SDH SkDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994)							
Networks Which are Based on the 1544 kbit/s Hierarchy" (1993)		15	ITU-T Recommendation G.824, "Control of Jitter and Wander Within Digital				
relating to the synchronous digital hierarchy", (1995). 1TU-T Recommendation H.261, "Video codec for audiovisual services at p x 64kbit/s", (1993). ITU-T Recommendation H.262, "Information technology – Generic coding of moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). 1TU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) 1TU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) 1TU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994)		43	Networks Which are Based on the 1544 kbit/s Hierarchy" (1993)				
relating to the synchronous digital hierarchy", (1995). 1TU-T Recommendation H.261, "Video codec for audiovisual services at p x 64kbits", (1993). ITU-T Recommendation H.262, "Information technology – Generic coding of moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). ITU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) ITU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994)		16	ITU-T Recommendation G.957, "Optical interfaces for equipments and systems				
ITU-T Recommendation H.261, "Video codec for audiovisual services at p x 64kbit/s", (1993). ITU-T Recommendation H.262, "Information technology – Generic coding of moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). ITU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) ITU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994)		46	relating to the synchronous digital hierarchy", (1995).				
17		47					
ITU-T Recommendation H.262, "Information technology – Generic coding of moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). ITU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) ITU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) RFC 1619, "PPP LCP Extensions", (1994) SRFC 1661, "The Point-to-Point Protocol", (1994) RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		47	· ·				
moving pictures and associated audio information: Video Common text with ISO/IEC", (1995). ITU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) ITU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
ISO/IEC", (1995). ITU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) ITU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		48					
ITU-T Standard G.841, "Transmission Systems and Media, Digital Systems and Networks", (1998) ITU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS"; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994) 59 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
Networks", (1998) 1TU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) 1TU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
ITU-T Standard G.842, "Transmission Systems and Media, Digital Systems and Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994)		49					
Networks", (1997) ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
ITU-Telecommunication Standardization Sector, Study Group 15, Proposal for Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		50					
Amendments to the text of ITU-T Draft Recommendation H.310, Document No. AVC-0883 (1996) 17U-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). 17U-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 17U-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1619, "PPP Over SONET/SDH", (1994) 58 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
AVC-0883 (1996) 17U-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		51					
ITU-Telecommunication Standardization Sector, Study Group 17, Contribution 21 (COM 17-21-E), (2002). ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "The Point-to-Point Protocol", (1994) 58 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task			·				
17U-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 17U-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1661, "PPP Over SONET/SDH", (1994) 58 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task	ITII-Telecommunication Standardization Sector, Study Group 17, Contribution						
ITU-Telecommunication Standardization Sector, Study Group 7, Delayed Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP- Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over- SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) FFC 1670, "PPP LCP Extensions", (1994) 77 RFC 1619, "PPP Over SONET/SDH", (1994) 88 RFC 1661, "The Point-to-Point Protocol", (1994) RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		52					
Contribution D 191/3; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 66 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1619, "PPP Over SONET/SDH", (1994) 88 RFC 1661, "The Point-to-Point Protocol", (1994) 89 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
Over-SKDH/SONET Model". ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over- SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 66 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1619, "PPP Over SONET/SDH", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994) 59 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		52					
ITU-Telecommunication Standardization Sector, Study Group 7, Temporary Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over- SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1619, "PPP Over SONET/SDH", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994) 59 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
Document 3147/Rev. 3, Geneva, June 7-18, 1999, Shaohua Yu, "IP Over SDH Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 66 RFC 1570, "PPP LCP Extensions", (1994) 77 RFC 1619, "PPP Over SONET/SDH", (1994) 78 RFC 1661, "The Point-to-Point Protocol", (1994) 79 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
Using LAPS".; Beijing, China, Sept. 14-25, 1998, Shaohua Yu, "The IP-Over-SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1619, "PPP Over SONET/SDH", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994) 59 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
SKDH/SONET Model". 55 RFC 1548, "The Point-to-Point Protocol", (1993) 56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1619, "PPP Over SONET/SDH", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994) RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		54					
RFC 1548, "The Point-to-Point Protocol", (1993) RFC 1570, "PPP LCP Extensions", (1994) RFC 1619, "PPP Over SONET/SDH", (1994) RFC 1661, "The Point-to-Point Protocol", (1994) RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
56 RFC 1570, "PPP LCP Extensions", (1994) 57 RFC 1619, "PPP Over SONET/SDH", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994) 59 RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task							
57 RFC 1619, "PPP Over SONET/SDH", (1994) 58 RFC 1661, "The Point-to-Point Protocol", (1994) RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		55	RFC 1548, "The Point-to-Point Protocol", (1993)				
58 RFC 1661, "The Point-to-Point Protocol", (1994) RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		56	RFC 1570, "PPP LCP Extensions", (1994)				
RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task		57	RFC 1619, "PPP Over SONET/SDH", (1994)				
		58	RFC 1661, "The Point-to-Point Protocol", (1994)				
			RFC 1662, "PPP in HDLC-like Framing", W. Simpson, Internet Engineering Task				
		59					

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 18017-0004US1	Application No. 10/534,211
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Other Documents (include Author, Title, Date, and Place of Publication)			
Examiner	Desig.		
Initial	D	Document	
	60	RFC 1717, "The PPP Multilink Protocol (MP)" (1994)	
	61	RFC 2225, "Classical IP and ARP over ATM", (1998)	
	62	RFC 2460, "Internet Protocol, V.6", (1998)	
	63	RFC 2615, "PPP over SONET/SDH", A. Malis, Internet Engineering Task Force, (1999)	
	64	Yue, W. et al., "MSPPs Can Deliver Digital Video Over Existing Networks", Lightwave (Dec. 2003)	
	65		

Examiner Signature	Date Considered			
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